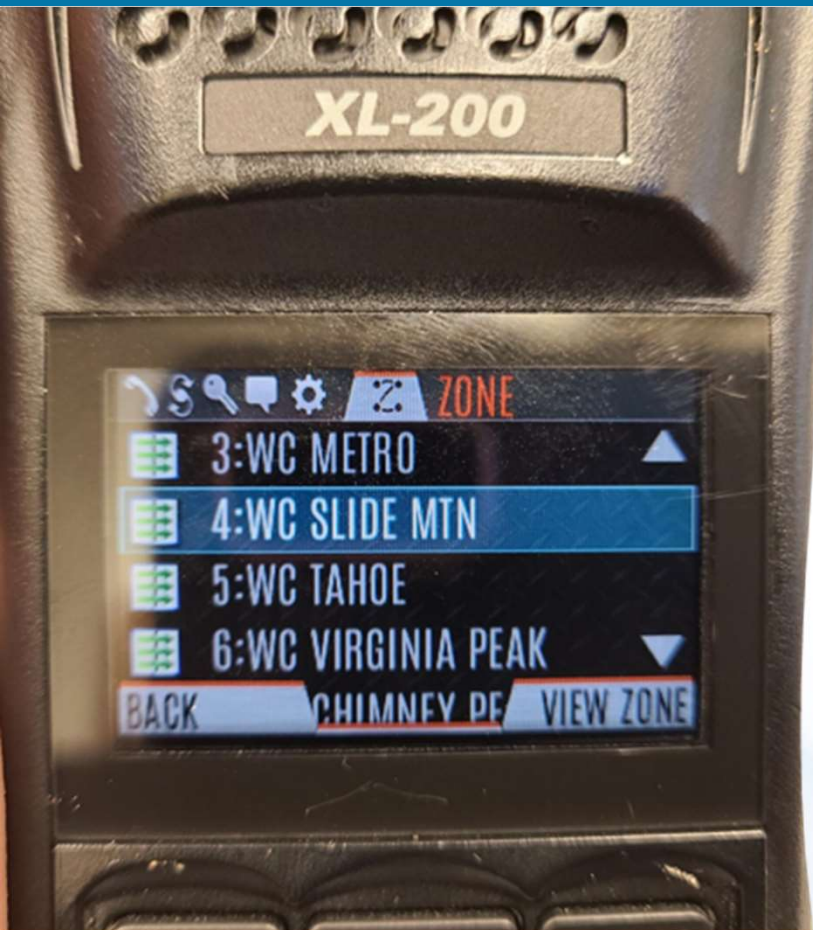




Washoe County Regional Communication System

800MHz Users Group,
12/19/2024

LID (LOGICAL IDENTIFICATION NUMBER) STATUS UPDATE



- Remaining LIDS: 100
 - Pending requests to be Issued
 - WCSO SAR- 4
 - City of Reno (20)
 - City of Sparks Fire (6)
 - Storey county (60)**
 - Issued
 - WCSO- (12)
 - REMSA (8)
 - WCRCS (10)- BDA LOANERS
 - WCRCS (5)- Interoperability (Various Counties)
 - Donations
- **LID's issuance is on hold** while repairs are being made to the CSD. We apologize for the inconvenience, but WCRCS team members are reaching out to get new LID counts from all agencies.
- For LID requests, please email WCRCS@washoecounty.gov, and my team will review your submission. Be sure to include an explanation of the critical need in your request. Thank you!

SYSTEM STATUS UPDATE



- **Radio Service Interruptions**

- The Tahoe Simulcast is currently running on an IP Tube due to the Slide Dish being out of service. This link is scheduled for replacement before September 18th. Spectrum service outages this spring have also caused various disruptions.
- At the Fox Mountain site, overheating issues have required the team to spend multiple days this summer addressing temporary cooling solutions. A temporary AC unit has been installed, but a permanent solution is still needed. The new P25 system, combined with this unusually hot summer, has worsened the situation.
- At 920 Evans, we successfully mitigated interference and are now working with the owner on a BDA solution that does not interfere with public safety operations.

- **VHF Radio Interference Troubleshooting**

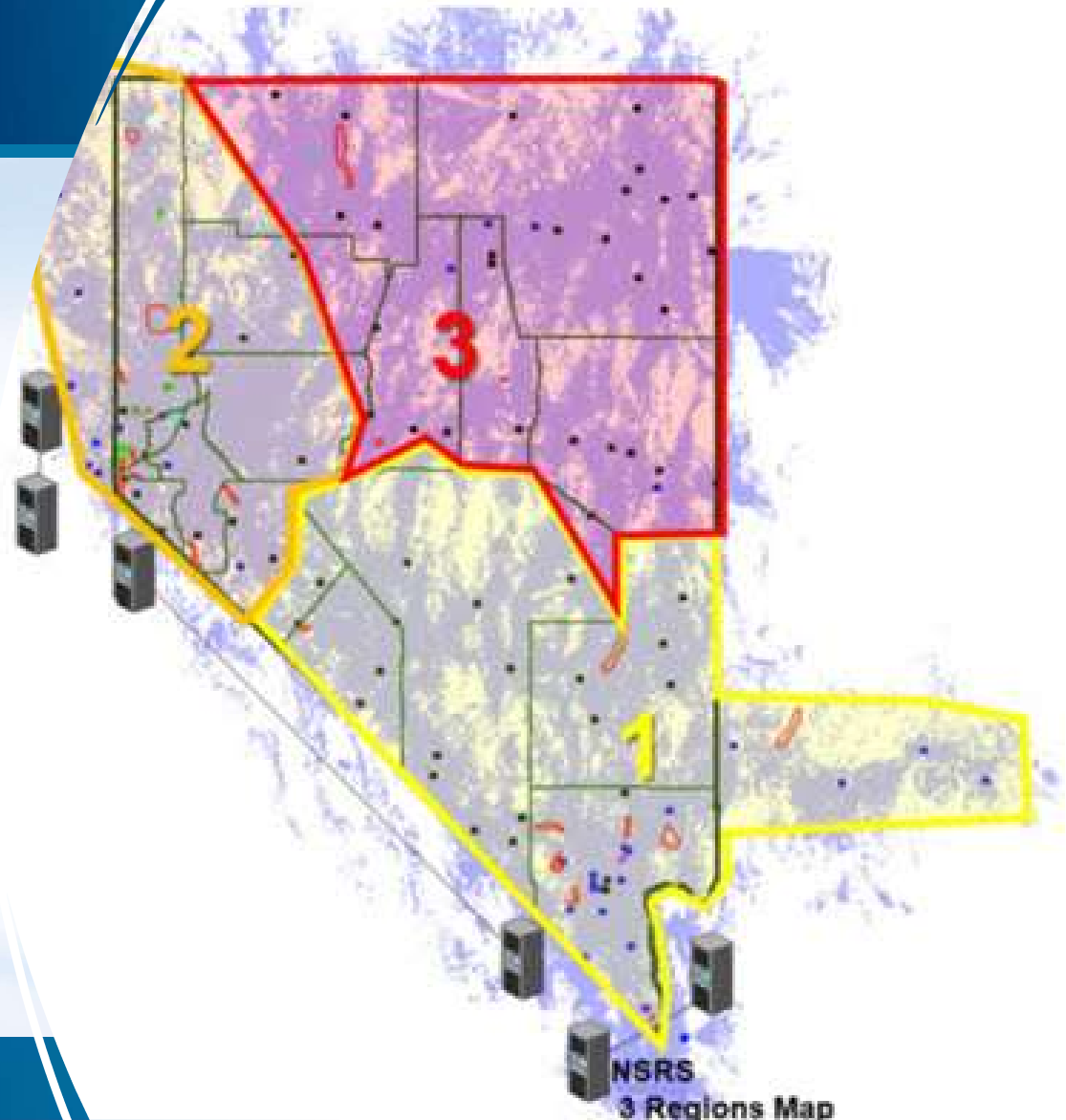
- We found that interference on TM VHF radios was caused by a combination of an XL mobile radio and an older BK radio setup with a newer BK microphone. Initially, the team suspected the David Clark handsets, but it turned out to be the microphone. After replacing the units with simpler mics, all issues were resolved. **BK Microphone are on Back order with all our usual providers.**

- **WC Metro P25 Simulcast Outage**

- A system misconfiguration caused a two-hour outage. Although the vendor denies responsibility, we have no logs showing any county employee logging into the system during the suspected timeframe. This issue coincidentally occurred during the first week of the P25 cutover, and we are still investigating the cause.

System Status Update:

- System firewalls have been upgraded due to security recommendations from DHS CISA reports.
- Issues on CSD in the South were causing database replication issues for entire system, System was repaired Second week in December, however we are still monitoring to make sure things are working properly. At this time, we are limiting Adds, Move and Changes for our End Users equipment.



WCRCS INFRASTRUCTURE MAINTENANCE AND REPLACEMENT UPDATE



- Generators
 - All Generators inspected and serviced
 - STILL Awaiting Fox Generator to be installed Spring of 2025
 - Manufacturing issues cause supply chain delay
- Radio maintenance & alignments
 - Anritsu repaired
- Security camera software Updated
 - Cameras purchased for Cold Springs, Ophir, Marble Bluff still need to schedule install. **Been short staffed all year.**
- HVAC
 - All HVAC Units inspected and serviced.
 - Virginia Peak HVAC Installed!
 - Peavine HVAC Installed
 - Slide AC Units installed
 - Fox Mountain new AC to be purchased



Maintenance Recommendations



- Consoles are reaching the age of 7-10 years
 - Dispatch centers should consider creating Maintenance programs within their budgets
 - WCRCS is recommending the purchase of New SDD's drive for the consoles for all dispatch centers:
 - Last 8 tickets with L3Harris TAC results in Hard drive replacements being recommended.
 - SSDs use NAND flash memory to store data. Over time, this memory can wear out, leading to data [corruption](#) and failure.
 - Most modern SSDs use wear-leveling algorithms to distribute writes evenly across the drive, which can help reduce wear's impact. SSD drive only fail at 1.6% versus the 7% failure rate of an HDD.
 - Other Maintenance Items include Dispatch Foot pedals, and Audio Jacks.

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Technology Services Department
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Reno, NV 89502

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Lead, Sales/Account Mgmt
+1 7752008513
john.gallegos@l3harris.com

L3Harris' Internal Use Only

Quote by: C.Corrigan
CRM #
CCC Case # INC-000346369

Item	Part Number	Description	Qty	List Price	Discount	Sale Price	Extended Sale Price
1	UD-AB1D	SINGLE FOOTSWITCH, USB, SYMPHONY	10	\$ 280.00	26%	\$ 207.20	\$ 2,072.00
2	UD-AB1B	JACK BOX, 6 WIRE	10	\$ 450.00	26%	\$ 333.00	\$ 3,330.00
Estimated Shipping							\$ 108.12
Lead time is subject to material availability at time of order							Total Sale Price \$ 5,510.12

Quote Name: WCSO_SSD_19829_12022024

Date: 12/2/2024 Valid for 30 days

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Quote by: C.Corrigan
CRM #
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Item	Part Number	Description	Qty	List Price	Discount	Sale Price	Extended Sale Price
1	UD-DF3N	HARD DRIVE, 480GB SSD, SDP	10	\$ 1,800.00	26%	\$ 1,332.00	\$ 13,320.00
Estimated Shipping							\$ 44.35
Lead time is subject to material availability at time of order							Total Sale Price \$ 13,364.35

Budget worksheet 2

Washoe County Regional Communication System Fiscal Year 2025 Budget Worksheet - Agency Cost Allocation for Operations Maintenance

Washoe County Regional Communications System Budget Comparison FY25 vs FY26	Active Radio Count Comparison - by budget fiscal year						Operations Contribution Comparison					
	FY24/25	FY25/26 Budget				Radio Count Increase or decrease	FY24/25		FY25/26			
							Operations Finalized	FY25 Payment: 10% Infrastructure added to Ops	Proposed Operations Contribution	Plus 5% to Infrastructure	Plus 10% to Infrastructure	Plus 20% to Infrastructure
		EDACS	P25	BEON	Total							
Nevada Air National Guard	30	40			40.0	10.0	\$8,798.32	\$9,678.15	\$12,639.82	\$ 13,271.81	\$ 13,903.80	\$ 15,167.78
Reno-Tahoe Airport Authority	277	227	42		269.0	(8.0)	\$81,237.78	\$89,361.56	\$85,002.77	\$ 89,252.91	\$ 93,503.05	\$ 102,003.33
Drug Enforcement Administration	26	11			11.0	(15.0)	\$7,625.21	\$8,387.73	\$3,475.95	\$ 3,649.75	\$ 3,823.54	\$ 4,171.14
Federal Bureau of Investigations	37	31			31.0	(6.0)	\$10,851.26	\$11,936.38	\$9,795.86	\$ 10,285.65	\$ 10,775.44	\$ 11,755.03
Village General Improvement District	4	3			3.0	(1.0)	\$1,173.11	\$1,290.42	\$947.99	\$ 995.39	\$ 1,042.78	\$ 1,137.58
Lake Tahoe Fire Protection District	101	66			66.0	(35.0)	\$29,620.99	\$32,583.09	\$20,855.70	\$ 21,898.48	\$ 22,941.27	\$ 25,026.84
Carson City Fire Department	9	2			2.0	(7.0)	\$2,639.49	\$2,903.44	\$631.99	\$ 663.59	\$ 695.19	\$ 758.39
Nevada Shared Radio System	1602	1711			1,711.0	109.0	\$469,830.04	\$516,813.04	\$540,668.21	\$ 567,701.62	\$ 594,735.03	\$ 648,801.85
Pyramid Lake Paiute Tribe	87	81			81.0	(6.0)	\$25,515.11	\$28,066.63	\$25,595.63	\$ 26,875.41	\$ 28,155.19	\$ 30,714.76
REMSA	34	29			29.0	(5.0)	\$9,971.42	\$10,968.57	\$9,163.87	\$ 9,622.06	\$ 10,080.25	\$ 10,996.64
Reno, City of	1303	1030	228		1,258.0	(45.0)	\$382,140.16	\$420,354.18	\$397,522.27	\$ 417,398.38	\$ 437,274.50	\$ 477,026.72
Reno-Sparks Indian Colony	70	56			56.0	(14.0)	\$20,529.40	\$22,582.34	\$17,695.74	\$ 18,580.53	\$ 19,465.32	\$ 21,234.89
Sparks, City of	472	453		2	454.0	(18.0)	\$138,426.83	\$152,269.51	\$143,461.93	\$ 150,635.03	\$ 157,808.13	\$ 172,154.32
Truckee Meadows Fire Protection District	336	326		14	333.0	(3.0)	\$98,541.13	\$108,395.25	\$105,226.48	\$ 110,487.81	\$ 115,749.13	\$ 126,271.78
Truckee Meadows Water Authority	105	19			19.0	(86.0)	\$30,794.10	\$33,873.51	\$6,003.91	\$ 6,304.11	\$ 6,604.30	\$ 7,204.70
University of Nevada, Reno	76	76			76.0	0.0	\$22,289.07	\$24,517.97	\$24,015.65	\$ 25,216.44	\$ 26,417.22	\$ 28,818.78
Department of Veterans Affairs Police	22	21			21.0	(1.0)	\$6,452.10	\$7,097.31	\$6,635.90	\$ 6,967.70	\$ 7,299.49	\$ 7,963.09
Washoe County School District	1072	712	261		973.0	(99.0)	\$314,393.13	\$345,832.45	\$307,463.57	\$ 322,836.75	\$ 338,209.92	\$ 368,956.28
Washoe County	1559	1330	118	16	1,456.0	(103.0)	\$457,219.12	\$502,941.03	\$460,089.37	\$ 483,093.84	\$ 506,098.30	\$ 552,107.24
Total	7222	6,224.0	649.0	32.0	6,889.0	(333.0)						
							\$ 2,118,047.78	\$2,329,852.56	\$2,176,892.62	\$2,285,737.25	\$2,394,581.88	\$2,612,271.14
Cost Per Radio							\$293.28	\$322.60	\$316.00	\$331.80	\$347.59	\$379.19
							Current Cost		Cost per radio annually for FY26			

FISCAL YEAR 2025-2026 WCRCS (WASHOE COUNTY REGIONAL COMMUNICATIONS SYSTEM) BUDGET

Season's Greeting from WCRCS & Radio Shop





Questions & Concerns?

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Thank you